



## Online Project Deliverable Reviews

### Phase 1 - Project Scoping and Features Identification

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#### **COMP9323 Group12**

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## Part 1. Project Scoping

### (A) Vision Statement:

The goal of our project is to create a platform where course project deliverables can be reviewed not only by subject experts but also by peers from different backgrounds, which could be a vital complement to subject experts and provide feedback from different aspects. There will be a brief report which is supported by AI illustrating the summary of all reviews to provide more valuable information and suggestions.

### (B) General Goals:

- Create a display system that can help project managers show their project information to peers and provide more details when peers request to know more and review.
- Provide a search system where the project deliverables can be searched by field, keywords or any tags of the artefacts to help reviewers find relevant projects. Search results will be listed in relevant order. Each of the results contains a title, tags, and a summary. Click on the results would lead users to a new page with full information on the deliverables.
- Project members can invite others to review their project. The Invitation function must be able to be divided into two parts. The first part is that project members can invite someone who is designated by them. The other part is the project can be reviewed by every user who has already signed up for an account. Both kinds of invitations should have conditional filter functions.
- Build a feedback area where reviewers can comment, each of those can also rank others reviews to help recognise the accuracy of the reviewers and their comments.
- Implement a management system to help users register, log in, log out and manage their project deliverables.
- Provide a report for each project which contains the average score and overall evaluation of the project.

- Provide a profile page to allow users to view and edit their personal information.

**(C) Group/Team Goals:**

Frontend team: Zimo Shi, Hongtao Li, Ziyao Lyu

- Implementing a review system and improving user experience.

Backend team: Hao Long, Ziyi Jing, Eryuan Gao

- Designing and Building a suitable database and implementing appropriate APIs.

**(D) Individual Team Member Goals:**

- Ziyi Jing: Design data model for the database and implement back-end service.
- Zimo Shi: Design and implement front-end pages and data repository.
- Hongtao Li: Develop the front-end with JS and design UI/UX.
- Ziyao Lyu: Design and implement UI/UX, and build the front-end web application.
- Hao Long: Design API and implement back-end service
- Eryuan Gao: Implement APIs and back-end service

## Part 2. Requirements/Features Analysis

### Note:

- **User = Project manager + Reviewer**
- **Project manager = The person who wants his/her uploaded projects to get some reviews.**
- **Reviewer = The person who reviews others' projects.**
  
- **Feature: Project management**
  - As a project manager, I can upload the project deliverables with title, tags, descriptions to this platform.
  - As a project manager, I can view all the project deliverables I've uploaded.
  - As a project manager, I can modify the information of the project deliverables I've uploaded.
  - As a project manager, I can delete the project deliverables I've uploaded.
  
- **Feature: Recruit reviewers**
  - As a user, I can offer a reward (virtual coin) to reviewers to attract them to review my project.
  - As a user, I can make a condition for reviewing my project through major filtering, universities choosing.
  - As a user, I can open my project to the public so that everyone can review my project.
  - As a user, I can invite somebody who I designate to review my project so that I can protect my project privacy.
  
- **Feature: Review project**
  - As a reviewer, I can view project content that I have access to.
  - As a reviewer, I can post comments to project deliverables.
  - As a reviewer, I can give scores to project deliverables.
  - As a reviewer, I can delete my reviews.
  
- **Feature: Rank review**
  - As a reviewer, I can rank comments from other reviewers with star 1 to 5

- Feature: Search project.
  - As a reviewer, I can search the project I want to read by keywords or tags.
- Feature: Generate report
  - As a project manager, I can save my time by receiving a brief report summarized from a large number of comments.
  - As a project manager, I can receive a report which is created by AI summarizing the keywords from all the reviews.
  - As a project manager, I can receive a report which can give useful info based on reviewers' profiles. (i.e. 80% of the CSE students like your project, but 40% of the students from the Law department have some negative feedback on it.)
  - As a project manager, I can receive a report with a balanced summary by reviews' rank.
- Feature: User register System
  - As a user, I can register to this platform.
  - As a user, I can log in to this platform with a university email and password.
  - As a user, I can logout when I want.
  - As a user, I can delete my account.
- Feature: Profile
  - As a user, I can view my personal information including name, email.
  - As a user, I can change my password.
  - As a user, I can view my profile pictures.
  - As a user, I can upload my profile pictures.
  - As a user, I can choose my major according to my background.
  - As a user, I can view my personal description.
  - As a user, I can write or edit my personal description.
  - As a reviewer, I can view my credit point, which is auto calculated by software according to reviewers' behaviour.